

DATA SHEET



BENEFITS

INDUSTRY'S HIGHEST PERFORMING 802.11AC WAVE 2 STANDARD

- Transmit to multiple clients at the same time with MU-MIMO
- More efficient use of the RF spectrum
- Improve network efficiency & throughput even for non-Wave 2 clients

BETTER RECEPTION AND MORE CONSISTENT PERFORMANCE

- Adaptive polarization diversity
- Dual-polarized antennas
- Enhanced DFS and Spectrum analysis capability

REDUCED WI-FI INTERFERENCE

- Up to 15dB of interference mitigation
- Up to 50 percent reduction in co-channel interference to neighboring APs
- Statistical, real-time capacity analysis of all channels to automatically selects best performing channels

IDEAL HIGH-PERFORMANCE OUTDOOR ACCESS POINT

- Fast and easy mounting to street lights, traffic controls and street furniture
- Industrial-grade IP-67 hardened enclosures (-40°C to +65°C)
- Smart Mesh to eliminate cost and time associated with cumbersome Ethernet drops
- Flexible backhaul interfaces such as SFP Fiber and Gigabit Ethernet

Ruckus' High Capacity, High Performance Four-Stream 802.11ac Wave 2 Outdoor AP

The ZoneFlex[™] T710 combines Ruckus patented technologies and best-in-class industrial grade design with next generation of 802.11ac features to deliver industry-leading Wi-Fi performance, reliability and coverage for challenging high density outdoor deployments.

Featuring BeamFlex+ adaptive antenna technology, the ZoneFlex T710 offers a substantial increase in performance and range by optimizing antenna coverage on a per client, per transmission basis. BeamFlex+ additionally mitigates co-channel interference by directing Wi-Fi signals where they are needed instead of towards neighboring access points. The T710's BeamFlex+ adaptive antenna system is also equipped with dual polarization antennas, allowing the access point to adapt to the physical orientation of client devices and maximize uplink performance.

With throughput capacities of 800 Mbps (2.4GHz) and 1733 Mbps (5GHz), the ZoneFlex T710 supports the highest available throughput for Wi-Fi clients. 802.11ac Multi-User MIMO (MU-MIMO) support allows the T710 to simultaneously transmit to multiple MU-MIMO capable devices, drastically improving airtime efficiency, overall throughput, and availability. The T710 is compatible with a wide array of MU-MIMO, SU-MIMO and legacy Wi-Fi clients.

The ZoneFlex T710 can function either as a standalone AP or as part of centrallymanaged Wireless LAN.

The ZoneFlex T710 is specifically designed with industrial-grade features such as GPS and secure image download. Also included is a SFP fiber interface that enables seamless connectivity to a fiber backhaul with no additional converters. Via Ethernet connections, the T710 supports Link Aggregation Control Protocol (LACP) to optimize backhaul throughput.

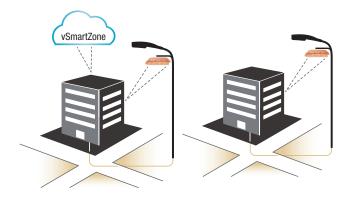
The ZoneFlex T710 is purpose-built to deliver unparalleled performance, capacity and coverage in dynamic outdoor environments that are characteristic of high density utilization and interference.

Ideal use cases include: public outdoor hotspots, smart cities, outdoor coverage for enterprise and schools where support for data intensive streaming multimedia applications like HD IP video is imperative.

ZoneFlex T710 Dual-Band 4X4:4 802.11AC Wave 2 Outdoor Smart Wi-Fi AP



Blinding fast Wave 2 4x4:4 802.11ac with MU-MIMO



Architectural Felexible





FEATURES

- 802.11ac Multi-User MIMO (MU-MIMO)
- Concurrent dual-band (5GHz/2.4GHz) support
- 2,533Mbps maximum PHY rate (1733 Mbps in 5GHz; 800Mbps in 2.4GHz)
- BeamFlex+ (PD-MRC) smart antenna, with support for 4,000+ unique antenna patterns enables up to 5dB of additional gain and up to 15dB of additional interference mitigation
- Antenna options: omni-directional and 120x30 degrees sector
- Unmatched Rx sensitivity down to -104dBm
- Improved Maximum Ratio Combining (MRC) for best-in-class receive sensitivity
- 802.11ac standard Tx Beamforming
- Space Time Block Coding for increased handset performance
- Low Density Parity Check (LDPC) for increased data throughput at all ranges
- 256-QAM support on 5GHz and 2.4GHz
- Backward compatible with legacy 802.11 clients
- Dedicated dual band RF monitor enabling enhanced performance while providing Zero-Wait DFS capability
- 2 10/100/1000 Ethernet ports
- Support for LACP (Link Aggregation Control Protocol) to maximize the backhaul bandwidth using both Ethernet ports
- SFP Fiber Interface providing flexibility to backhaul to fiber
- AC power input (100-250 Vac, 50/60 Hz)
- 802.3at (PoE+) PoE Input mode of operation
- 802.3at PoE Output Power Sourcing Equipment (PSE) mode of operation, useful for daisy chaining and powering an additional Mesh AP or another device like an IP Surveillance Camera
- IP 67 rated, -40°C to +65°C
- Integrated GPS for location applications
- Built in Wall or Pole mounting options for easy deployment
- Either standalone or centrally managed
- Secure image download enhancing platform security
- Multicast IP video streaming support
- Four software QoS queues per client station
- Up to 16 BSSIDs per radio with unique QoS and security policies*
- WPA-PSK (AES), 802.1X support for RADIUS and AD*
- Dynamic PSK*
- Admission control/load balancing*
- Band balancing
- Captive portal and guest accounts *
- * when used with management



PATENTED BEAMFLEX+ TECHNOLOGY EXTENDS SIGNAL RANGE, IMPROVES RELIABILITY OF CLIENT CONNECTIONS

The ZoneFlex T710 integrates patented software-controlled adaptive antennas that delivers additional signal gain per radio chain. As BeamFlex+ adapts to client locations and antenna polarity, the smart antenna technology optimizes the RF energy toward client on a per packet basis. This allows for substantial performance improvement and a reduction in packet loss from the ability to automatically mitigate interference and obstacles. BeamFlex+ with PD-MRC (polarization diversity) ensures the T710 listens in all polarizations simultaneously. This results in significant receive signal gain from mobile devices with weak transmitters.

MULTI-USER MIMO (MU-MIMO)

802.11ac MU-MIMO allows the ZoneFlex T710 to transmit multiple spatial streams to multiple client devices simultaneously, increasing the total throughput and capacity of the wireless network. The ZoneFlex T710 is able to provide up to three clients each their own dedicated full-bandwidth channel using an MU-MIMO technique known as spatial reuse. This capability enables several benefits.

Efficient use of available spectrum effectively multiplies the total capacity of a network, allowing it to meet the increasing data demand driven by the proliferation of mobile Wi-Fi clients and data-hungry applications and uses such as high-definition video streaming. Additionally, MU-MIMO does not require client devices to time-share connections with other clients on the network as in legacy Wi-Fi, which means each device experiences less wait time and makes the network more responsive overall. Even legacy clients benefit from MU-MIMO because of the increased RF efficiency; more capacity remains to support non-Wave 2 clients.

ADVANCED WLAN APPLICATIONS

When used with the Ruckus Smart WLAN management systems, the ZoneFlex T710 supports a wide range of value-added applications such as guest networking, Dynamic PSK, hotspot authentication, wireless intrusion prevention and many more. WLANs can also be grouped and shared by specific APs. In a centrally managed configuration, the ZoneFlex T710 works with various authentication servers including AD, LDAP, and RADIUS.

ZoneFlex T710

Dual-Band 4X4:4 802.11AC Wave 2 Outdoor Smart Wi-Fi AP

DATA SHEET

	ARACTERISTICS	Wi-Fl	
Power	• AC Input: 100-250 Vac, 50/60 Hz	Standards	IEEE 802.11a/b/g/n/ac
	• PoE: 802.3at	Supported Data Rate	• 802.11ac: 29.3Mbps – 1733 Mbps (80MHz)
Physical Size	• 31.7 cm (L), 24.1 cm (W), 9.5 cm (H)		 802.11n: 6.5Mbps – 216.7 Mbps(20MHz) 13.5 Mbps – 800 (40MHz)
Weight	• 6.5 lbs		 802.11a: 54, 48, 36, 24, 18, 12, 9 and 6Mbps
RF		_	• 802.11b: 11, 5.5, 2 and 1Mbps
RF	 Adaptive antenna array: 4,000+ unique antenna patterns, polarization diversity 		• 802.11g: 54, 48, 36, 24, 18, 12, 9 and 6Mbps
	Maximum Transmit Power: 28 dBm on 2.4GHz; 28dBm on 5GHz	Radio Chains/ Stream	ns • 4x4:4
	 Physical antenna gain: Omni - 3 dBi (2.4 and 5GHz); Sector - 6dBi (2.4GHz), 8 dBi (5GHz) 	MIMO	SU-MIMO — Up to 4 streams
	 BeamFlex SINR Tx gain: up to 6dB 		MU-MIMO — Up to 3 streams
	BeamFlex SINR Rx gain: up to 3–5dB	Channelization Frequency Bands	 20 MHz, 40 MHz, and/or 80 MHz IEEE 802.11ac: 5.15 – 5.85GHz
	Interference mitigation: up to 15dB	Frequency Bands	 IEEE 802.11aC: 5.15 - 5.85GHz IEEE 802.11a/n: 5.15 - 5.85GHz
	Minimum Rx sensitivity: -104dBm		 IEEE 802.11b; 2.4 – 2.484GHz
Ethernet Ports	• 2 Ethernet ports, auto MDX, auto-sensing, 10/100/1000 Mbps, RJ-45	BSSIDs	• Up to 16 (2.4GHz)
	Power over Ethernet (802.3at) with Category 5/5e/6 cable		• Up to 16 (5GHz)
	Power over Ethernet (802.3at) Output with Category 5/50/6 cable	Power Save	Supported
	 with Category 5/5e/6 cable Link Aggregation (LACP) 	Certifications ⁴	WEEE/RoHS compliance
	SFP port to support fiber backhaul		• EN 60601-1-2 Medical
Environmental	Operating Temperature:-40°F (-40°C) to 149°F (65°C)		Wi-Fi Alliance certified
Conditions	 Operating Humidity: up to 95% non-condensing 		UL 2043 plenum rated
Devuer	When PoE Out is not used -	Subway And Railroad Certifications	 EN50121-1 EMC EN50121-4 Immunity
Power Consumption	 When Poe Out is not used - 5.5W (minimum) 		IEC 61373 Shock & Vibration
Concerniption	 10.4W (typical) 	*Wi-Fi Alliance certificat	
	 25W peak 	1 Max power varies by country setting, band, and MCS rate	
			e statistical system-level effects (including TxBF), translated to enhanced SINR
PERFORMANC	E AND CAPACITY		vations over time in real-world conditions with multiple APs and many clients by band, channel width, and MCS rate
Phy Data Rates	Up to 800Mbps (2.4GHz)		current country certifications
,	Up to 1733Mbps (5GHz)		
		MODEL	DESCRIPTION
Concurrent Stations	• Up to 512	MODEL	DESCRIPTION
Concurrent Stations Number Of Simultaneo Voip Clients			DESCRIPTION Dual band 802.11ac Wave 2 Access Point ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 strea
Number Of Simultaneo Voip Clients	• Up to 30		Dual band 802.11ac Wave 2 Access Point ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 strear omnidirectional Beamflex+ coverage, dual 10/100/1000 Ethernet ports, 9
Number Of Simultaned Voip Clients NETWORK ARC	• Up to 30	ZoneFlex T710	Dual band 802.11ac Wave 2 Access Point ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 strea
Number Of Simultanee Voip Clients NETWORK ARC	Up to 30 CHITECTURE IPv4, IPv6, dual-stack	ZoneFlex T710	Dual band 802.11ac Wave 2 Access Point ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 strea omnidirectional Beamflex+ coverage, dual 10/100/1000 Ethernet ports, 9 264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 outdoor enclosure not include power adapter. ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 Strea
Number Of Simultaned Voip Clients NETWORK ARC	Up to 30 CHITECTURE IPv4, IPv6, dual-stack 802.10 (1 per BSSID or dynamic, per user based on	ZoneFlex T710	Dual band 802.11ac Wave 2 Access Point ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 streat omnidirectional Beamflex+ coverage, dual 10/100/1000 Ethernet ports, 9 264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 outdoor enclosure not include power adapter.
Number Of Simultaned Voip Clients NETWORK ARC	Up to 30 CHITECTURE IPv4, IPv6, dual-stack	ZoneFlex T710 901-T710-XX01	Dual band 802.11ac Wave 2 Access Point ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 streat omnidirectional Beamflex+ coverage, dual 10/100/1000 Ethernet ports, 9 264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 outdoor enclosure not include power adapter. ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 Streat 120 degree sector Beamflex+ coverage, dual 10/100/1000 Ethernet ports
Number Of Simultaner Voip Clients NETWORK ARC IP Vlans	Up to 30 CHITECTURE IPv4, IPv6, dual-stack 80210 (1 per BSSID or dynamic, per user based on RADIUS) Port-based	ZoneFlex T710 901-T710-XX01	Dual band 802.11ac Wave 2 Access Point ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 stread omnidirectional Beamflex+ coverage, dual 10/100/1000 Ethernet ports, 9 264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 outdoor enclosure not include power adapter. ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 Stread 120 degree sector Beamflex+ coverage, dual 10/100/1000 Ethernet ports 90-264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 Outdoor enclosure Does not include power adapter.
Number Of Simultaner Voip Clients <mark>NETWORK ARC</mark> IP Vlans	• Up to 30 CHITECTURE • IPv4, IPv6, dual-stack • 80210 (1 per BSSID or dynamic, per user based on RADIUS) • Port-based ts • Authenticator	ZoneFlex T710 901-T710-XX01 901-T710-XX51 Optional Accessories	Dual band 802.11ac Wave 2 Access Point ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 streat omnidirectional Beamflex+ coverage, dual 10/100/1000 Ethernet ports, 9 264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 outdoor enclosure not include power adapter. ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 streat 120 degree sector Beamflex+ coverage, dual 10/100/1000 Ethernet ports 90-264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 Outdoor enclosure Does not include power adapter. Spare of Power over Ethernet (PoE) Injector (10/100/1000 Mbps) quantity
Number Of Simultaned Voip Clients NETWORK ARC	Up to 30 CHITECTURE IPv4, IPv6, dual-stack 80210 (1 per BSSID or dynamic, per user based on RADIUS) Port-based	ZoneFlex T710 901-T710-XX01 901-T710-XX51	Dual band 802.11ac Wave 2 Access Point ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 stread ormidirectional Beamflex+ coverage, dual 10/100/1000 Ethernet ports, 9 264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 outdoor enclosure not include power adapter. ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 Stread 120 degree sector Beamflex+ coverage, dual 10/100/1000 Ethernet ports 90-264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 Outdoor enclosure not include power adapter. Spare of Power over Ethernet (PoE) Injector (10/100/1000 Mbps) quantity unit (T710-series, 7762-series, 7782-series, 8800-S access points), US F
Number Of Simultaner Voip Clients NETWORK ARC IP Vlans 802.1X For Wired Por Tunneling	ous • Up to 30 CHITECTURE • IPv4, IPv6, dual-stack • 802.10 (1 per BSSID or dynamic, per user based on RADIUS) • Port-based ts • Authenticator • Supplicant • L2TP	ZoneFlex T710 901-T710-XX01 901-T710-XX51 Optional Accessories	Dual band 802.11ac Wave 2 Access Point ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 streat omnidirectional Beamflex+ coverage, dual 10/100/1000 Ethernet ports, 9 264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 outdoor enclosure not include power adapter. ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 streat 120 degree sector Beamflex+ coverage, dual 10/100/1000 Ethernet ports 90-264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 Outdoor enclosure Does not include power adapter. Spare of Power over Ethernet (PoE) Injector (10/100/1000 Mbps) quantity
Number Of Simultaner Voip Clients NETWORK ARO IP Vlans 802.1X For Wired Por Tunneling MULTIMEDIA A	• Up to 30 CHITECTURE • IPv4, IPv6, dual-stack • 802.10 (1 per BSSID or dynamic, per user based on RADIUS) • Port-based ts • Authenticator • Supplicant	ZoneFlex T710 901-T710-XX01 901-T710-XX51 Optional Accessories 902-0180-XX00	Dual band 802.11ac Wave 2 Access Point ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 streat omnidirectional Beamflex+ coverage, dual 10/100/1000 Ethernet ports, 9 264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 outdoor enclosure not include power adapter. ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 Streat 120 degree sector Beamflex+ coverage, dual 10/100/1000 Ethernet ports 90-264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 Outdoor enclosure poes not include power adapter. Spare of Power over Ethernet (POE) Injector (10/100/1000 Mbps) quantity unit (T710-series, 7762-series, 7782-series, 8800-S access points), US F EPON Optical Network Terminal, SFP Optic Module, 20km reach, single
Number Of Simultanee Voip Clients NETWORK ARC IP Vlans 802.1X For Wired Por Tunneling MULTIMEDIA A 802.11E/Wmm	• Up to 30 CHITECTURE • IPv4, IPv6, dual-stack • 802.10 (1 per BSSID or dynamic, per user based on RADIUS) • Port-based ts • Authenticator • Supplicant • L2TP ND QUALITY OF SERVICE	ZoneFlex T710 901-T710-XX01 901-T710-XX51 Optional Accessories 902-0180-XX00 902-0202-0000 902-0203-0000	Dual band 802.11ac Wave 2 Access Point ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 streat ormidirectional Beamflex+ coverage, dual 10/100/1000 Ethernet ports, 9 264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 outdoor enclosure not include power adapter. ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 streat 120 degree sector Beamflex+ coverage, dual 10/100/1000 Ethernet ports 90-264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 Outdoor enclosure not include power adapter. Spare of Power over Ethernet (PoE) Injector (10/100/1000 Mbps) quantity unit (1710-series, 7762-series, 7782-series, 8800-S access points). US FEPON Optical Network Terminal, SFP Optic Module, 20km reach, single SC/UPC,-40 to 85C, Includes SC/UPC fiber patch cable 1000Base-LX, SFP (mini-GBIC) Optic Module, Single Mode, 10km reach duplex, -40 to 85C. Includes LC-Duplex fiber patch cable
Number Of Simultaner Voip Clients NETWORK ARC IP Vlans 802.1X For Wired Por Tunneling MULTIMEDIA A 802.11E/Wmm Software Queues	• Up to 30 CHITECTURE • IPv4, IPv6, dual-stack • 80210 (1 per BSSID or dynamic, per user based on RADIUS) • Port-based ts • Authenticator • Supplicant • L2TP ND OUALITY OF SERVICE • Supported	ZoneFlex T710 901-T710-XX01 901-T710-XX51 Optional Accessories 902-0180-XX00 902-0202-0000	Dual band 802.11ac Wave 2 Access Point ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 stread ormidirectional Beamflex+ coverage, dual 10/100/1000 Ethernet ports, 9 264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 outdoor enclosure not include power adapter. ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 stread 120 degree sector Beamflex+ coverage, dual 10/100/1000 Ethernet ports 90-264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 Outdoor enclosure not include power adapter. Spare of Power over Ethernet (PoE) Injector (10/100/1000 Mbps) quantity unit (T710-series, 7762-series, 7782-series, 8800-S access points), US F EPON Optical Network Terminal, SFP Optic Module, 20km reach, single SC/UPC,-40 to 85C, Includes SC/UPC fiber patch cable 1000Base-LX, SFP (mini-GBIC) Optic Module, Single Mode, 10km reach duplex, -40 to 85C. Includes LC-Duplex fiber patch cable
Number Of Simultaner Voip Clients NETWORK ARC IP Vlans 802.1X For Wired Por Tunneling MULTIMEDIA A 802.11E/Wmm Software Queues Traffic Classification	• Up to 30 CHITECTURE • IPv4, IPv6, dual-stack • 802.10 (1 per BSSID or dynamic, per user based on RADIUS) • Port-based ts • Authenticator • Supplicant • L2TP ND QUALITY OF SERVICE • Supported • Per WLAN priority (2), Per traffic type (4), per client	ZoneFlex T710 901-T710-XX01 901-T710-XX51 Optional Accessories 902-0180-XX00 902-0202-0000 902-0203-0000	Dual band 802.11ac Wave 2 Access Point ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 streat ormidirectional Beamflex+ coverage, dual 10/100/1000 Ethernet ports, 9 264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 outdoor enclosure not include power adapter. ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 streat 120 degree sector Beamflex+ coverage, dual 10/100/1000 Ethernet ports 90-264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 Outdoor enclosure not include power adapter. Spare of Power over Ethernet (PoE) Injector (10/100/1000 Mbps) quantity unit (1710-series, 7762-series, 7782-series, 8800-S access points). US FEPON Optical Network Terminal, SFP Optic Module, 20km reach, single SC/UPC,-40 to 85C, Includes SC/UPC fiber patch cable 1000Base-LX, SFP (mini-GBIC) Optic Module, Single Mode, 10km reach duplex, -40 to 85C. Includes LC-Duplex fiber patch cable
Number Of Simultanee Voip Clients NETWORK ARC IP Vlans 802.1X For Wired Por Tunneling MULTIMEDIA A 802.11E/Wmm	• Up to 30 CHITECTURE • IPv4, IPv6, dual-stack • 802.10 (1 per BSSID or dynamic, per user based on RADIUS) • Port-based ts • Authenticator • Supplicant • L2TP IND QUALITY OF SERVICE • Supported • Per WLAN priority (2), Per traffic type (4), per client • Automatic, heuristics and TOS based or VLAN-defined • Dynamic per-user or per-WLAN	ZoneFlex T710 901-T710-XX01 901-T710-XX51 Optional Accessories 902-0180-XX00 902-0202-0000 902-0203-0000 902-0183-0000 902-0185-0000 PLEASE NOTE: Whe	Dual band 802.11ac Wave 2 Access Point ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 strea omnidirectional Beamflex+ coverage, dual 10/100/1000 Ethernet ports, 9 264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 outdoor enclosure not include power adapter. ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 Strea 120 degree sector Beamflex+ coverage, dual 10/100/1000 Ethernet ports 90-264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 Outdoor enclosure not include power adapter. Spare of Power over Ethernet (PoE) Injector (10/100/1000 Mbps) quantity unit (T710-series, 7762-series, 7782-series, 8800-S access points), US F EPON Optical Network Terminal, SFP Optic Module, 20km reach, single SC/UPC-40 to 85C, Includes SC/UPC fiber patch cable 1000Base-LX, SFP (mini-GBIC) Optic Module, Single Mode, 10km react duplex, -40 to 85C, Includes LC-Duplex fiber patch cable Spare Data Connector for T300-series, 7782-series, 8800; contains 1 weatherizing data cable gland Spare Weatherized AC Connector for 7762-AC, 7782-series, and 8800; contains 4-pin AC connector
Number Of Simultanee Voip Clients NETWORK ARC IP Vlans 802.1X For Wired Por Tunneling MULTIMEDIA A 802.11E/Wmm Software Queues Traffic Classification Rate Limiting	• Up to 30 CHITECTURE • IPv4, IPv6, dual-stack • 802.10 (1 per BSSID or dynamic, per user based on RADIUS) • Port-based ts • Authenticator • Supplicant • L2TP IND QUALITY OF SERVICE • Supported • Per WLAN priority (2), Per traffic type (4), per client • Automatic, heuristics and TOS based or VLAN-defined • Dynamic per-user or per-WLAN	ZoneFlex T710 901-T710-XX01 901-T710-XX51 Optional Accessories 902-0180-XX00 902-0202-0000 902-0203-0000 902-0183-0000 902-0185-0000 PLEASE NOTE: Wha indicating -US, -WW	Dual band 802.11ac Wave 2 Access Point ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 streat ormidirectional Beamflex+ coverage, dual 10/100/1000 Ethernet ports, 9 264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 outdoor enclosure not include power adapter. ZoneFlex dual band 802.11ac Outdoor Wireless Access Point, 4x4:4 streat 120 degree sector Beamflex+ coverage, dual 10/100/1000 Ethernet ports 90-264 Vac, POE in and POE out, Fiber SFP, GPS, IP-67 Outdoor enclosure not include power adapter. Spare of Power over Ethernet (POE) Injector (10/100/1000 Mbps) quantity unit (17710-series, 7762-series, 7782-series, 8800-S access points). US FEON Optical Network Terminal, SFP Optic Module, 20km reach, single SC/UPC,-40 to 85C, Includes SC/UPC fiber patch cable 1000Base-LX, SFP (mini-GBIC) Optic Module, Single Mode, 10km reach duplex, -40 to 85C. Includes LC-Duplex fiber patch cable Spare Data Connector for T300-series, 7782-series, 8800; contains 1 weatherizing data cable gland Spare Weatherized AC Connector for 7762-AC, 7782-series, and 8800; contains 1

Warranty: Sold with a limited one year warranty.

Copyright © 2016, Ruckus Wireless, Inc. All rights reserved. Ruckus Wireless and Ruckus Wireless design are registered in the U.S. Patent and Trademark Office. Ruckus Wireless, the Ruckus Wireless logo, BeamFlex+, ZoneFlex, MediaFlex, FlexMaster, ZoneDirector, SpeedFlex, SmartCast, SmartCell, ChannelFly and Dynamic PSK are trademarks of Ruckus Wireless, Inc. in the United States and other countries. All other trademarks mentioned in this document or website are the property of their respective owners. 16-12-A

